



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY GURAJADA VIZIANAGARAM

UNIVERSITY EXAMINATION SECTION, JNTUGV

## III B. TECH I SEMESTER (R20 REGULATION)REGULAR/SUPPLY EXAMINATIONS, NOVEMBER - 2024

### T I M E T A B L E

BRANCH	DATE & DAY				TIME: 10.00 – 13:00
	19-11-2024 (Tuesday)	21-11-2024 (Thursday)	23-11-2024 (Saturday)	26-11-2024 (Tuesday)	28-11-2024 (Thursday)
CIVIL ENGINEERING (01 CE)	Structural Analysis (R2031011)	Design and Drawing of Reinforced Concrete Structures (R2031012)	Geotechnical Engineering - I (R2031013)	<b>Professional Elective (PE II) :-</b>	<b>Open Elective (OE I) :-</b>
				<ul style="list-style-type: none"> <li>• Construction Technology &amp; Management <b>R203101A</b></li> <li>• Remote Sensing and GIS <b>R203101B</b></li> <li>• Environmental Impact Assessment <b>R203101C</b></li> <li>• Low-Cost Housing <b>R203101D</b></li> </ul>	<ul style="list-style-type: none"> <li>• Strength of Materials <b>R203101E</b></li> <li>• Fluid Mechanics <b>R203101F</b></li> <li>• Surveying and Geomatics <b>R203101G</b></li> <li>• Highway Engineering <b>R203101H</b></li> <li>• Safety Engineering <b>R203101I</b></li> <li>• Environmental Management <b>R203101J</b></li> <li>• Urban Planning <b>R203101K</b></li> </ul>
ELECTRICAL AND ELECTRONICS ENGINEERING (02 EEE)	Power Systems-II (R2031021)	Power Electronics (R2031022)	Control Systems (R2031023)	<b>Professional Elective (PE II) :-</b>	<b>Open Elective (OE I) :-</b>
				<ul style="list-style-type: none"> <li>• Linear Ic Applications <b>R203102A</b></li> <li>• Utilization Of Electrical Energy <b>R203102B</b></li> <li>• Computer Architecture And Organization <b>R203102C</b></li> <li>• Optimization Techniques <b>R203102D</b></li> <li>• Object Oriented Programming Through Java <b>R203102E</b></li> <li>• Optimization Techniques <b>R203102D</b></li> <li>• Object Oriented Programming Through Java <b>R203102E</b></li> </ul>	<ul style="list-style-type: none"> <li>• Renewable Energy Sources <b>R203102F</b></li> <li>• Concepts Of Optimization Techniques <b>R203102G</b></li> <li>• Concepts of Control Systems <b>R203102H</b></li> </ul>
MECHANICAL ENGINEERING (03 ME)	Thermal Engineering-II (R2031031)	Design of Machine Members-I (R2031032)	Machining, Machine Tools & Metrology (R2031033)	<b>Professional Elective (PE II) :-</b>	<b>Open Elective (OE I) :-</b>
				<ul style="list-style-type: none"> <li>• Finite Element Methods <b>R203103A</b></li> <li>• Industrial Robotics <b>R203103B</b></li> <li>• Advanced Materials <b>R203103C</b></li> <li>• Renewable Energy Sources <b>R203103D</b></li> <li>• Mechanics of Composites <b>R203103E</b></li> <li>• MOOCs (NPTEL/Swayam) <b>R203103F</b></li> </ul>	<ul style="list-style-type: none"> <li>• Sustainable Energy Technologies <b>R203103G</b></li> <li>• Operations Research <b>R203103H</b></li> <li>• Nano Technology <b>R203103I</b></li> <li>• Thermal Management of Electronic systems <b>R203103J</b></li> </ul>



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<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04 ECE)</b>	Analog ICs and Applications (R2031041)	Electromagnetic Waves and Transmission Lines (R2031042)	Digital Communications (R2031043)	<b>Professional Elective (PE II) :-</b>	<b>Open Elective (OE I) :-</b>
				<ul style="list-style-type: none"> <li>• Antenna And Wave Propagation</li> <li>• <b>R203104A</b></li> <li>• Electronic Measurements &amp; Instrumentation <b>R203104B</b></li> <li>• Computer Architecture &amp; Organization</li> <li>• <b>R203104C</b></li> </ul>	<ul style="list-style-type: none"> <li>• Basics of Signals and Systems <b>R203104D</b></li> <li>• Electronic Measurements and Instrum. <b>R203104E</b></li> <li>• Principles of Signal Processing <b>R203104F</b></li> <li>• Industrial Electronics <b>R203104G</b></li> <li>• Consumer Electronics <b>R203104H</b></li> <li>• Fundamentals of Microprocessors and Microcontrollers <b>R203104I</b></li> <li>• Transducers and Sensors <b>R203104J</b></li> <li>• IOT and Applications <b>R203104K</b></li> <li>• Soft Computing Techniques <b>R203104L</b></li> <li>• IC Applications <b>R203104M</b></li> <li>• Principles of Communications <b>R203104N</b></li> <li>• Basic Electronics <b>R203104O</b></li> <li>• Data Communications <b>R203104P</b></li> <li>• Digital Logic Design <b>R203104Q</b></li> <li>• Remote Sensing and GIS <b>R203104R</b></li> <li>• Bio Medical Instrumentation <b>R203104S</b></li> <li>• Introduction to Microprocessor and Microcontrollers <b>R203114G</b></li> </ul>
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 CSE)</b>	Computer Networks (R2031051) (Common to CSE, IT)	Design and Analysis of Algorithms (R2031052) (Common to CSE, IT)	Data Warehousing and Data Mining (R2031053)	<b>Professional Elective (PE II) :-</b>	<b>Open Elective (OE I) :-</b>
				<ul style="list-style-type: none"> <li>• Artificial Intelligence <b>R203105A</b></li> <li>• Software Project Management</li> <li>• <b>R203105B</b></li> <li>• Distributed Systems <b>R203105C</b></li> <li>• Advanced Unix Programming <b>R193205D</b></li> </ul>	<ul style="list-style-type: none"> <li>• Optimization in Operations Research <b>R203105E</b></li> <li>• Data Structures <b>R203105F</b></li> <li>• Object Oriented Program through JAVA <b>R203105G</b></li> <li>• Data Base Management Systems <b>R203105H</b></li> <li>• Computer Graphics <b>R203105I</b></li> <li>• Advanced UNIX Programming <b>R203105J</b></li> <li>• Computer Organization and Arch. <b>R203105K</b></li> <li>• Operating Systems <b>R203105L</b></li> </ul>



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<b>INFORMATION TECHNOLOGY (12 IT)</b>  Computer Networks (R2031051) (Common to CSE,IT)	Design and Analysis of Algorithms (R2031052) (Common to CSE,IT)	Data Mining Techniques (R2031121)	<b>Professional Elective (PE II) :-</b>		<b>Open Elective (OE I) :-</b>
			<ul style="list-style-type: none"> <li>Artificial Intelligence R203105A</li> <li>Distributed Systems R203105C</li> <li>Advanced Unix Programming R203105D</li> <li>Agile Software Process R203112A</li> </ul>	<ul style="list-style-type: none"> <li>DevOps R203112B</li> <li>Data Structures R203105F</li> <li>Object Oriented Program through JAVA R203105G</li> <li>Data Base Management Systems R203105H</li> <li>Computer Graphics R203105I</li> <li>Advanced UNIX Programming R203105J</li> <li>Computer Organization and Arch. R203105K</li> <li>Operating Systems R203105L</li> </ul>	
<b>CSE (Artificial Intelligence and Machine Learning) (42)</b>  Compiler Design (R2031421) (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	Operating Systems (R2031422) (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	Machine Learning (R2031423) (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	<b>Professional Elective (PE II) :-</b>		<b>Open Elective (OE I) :-</b>
			<ul style="list-style-type: none"> <li>Software Engineering R203142A</li> <li>Computer Vision R203142B</li> <li>Data Visualization R203142C</li> <li>DevOps R203142D</li> <li>MOOC's/NPTEL R203142E</li> </ul>	<ul style="list-style-type: none"> <li>Optimization in Operations Research R203105E</li> </ul>	
<b>CSE (Artificial Intelligence) (43)</b>  Compiler Design (R2031421) (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	Operating Systems (R2031422) (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	Machine Learning (R2031423) (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	<b>Professional Elective (PE II) :-</b>		<b>Open Elective (OE I) :-</b>
			<ul style="list-style-type: none"> <li>Software Engineering R203142A</li> <li>Computer Vision R203142B</li> <li>Data Visualization R203142C</li> <li>DevOps R203142D</li> <li>MOOC's/NPTEL R203142E</li> </ul>	<ul style="list-style-type: none"> <li>Optimization in Operations Research R203105E</li> </ul>	
<b>CSE (Data Science) (44)</b>  Compiler Design (R2031421) (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	Operating Systems (R2031422) (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	Machine Learning (R2031423) (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	<b>Professional Elective (PE II) :-</b>		<b>Open Elective (OE I) :-</b>
			<ul style="list-style-type: none"> <li>Software Engineering R203142A</li> <li>Computer Vision R203142B</li> <li>Data Visualization R203142C</li> <li>DevOps R203142D</li> <li>MOOC's/NPTEL R203142E</li> </ul>	<ul style="list-style-type: none"> <li>Optimization in Operations Research R203105E</li> </ul>	



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<b>CSE (Artificial Intelligence and Data Science) (45)</b>	Compiler Design <b>(R2031421)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML, CSD)	Operating Systems <b>(R2031422)</b> (Common to CSE(AIML), CSE(AI),CSE(DS), CSE(AIDS),AIDS, AIML,CSD)	Machine Learning <b>(R2031423)</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	<b>Professional Elective (PE II) :-</b> <ul style="list-style-type: none"> <li>• Software Engineering <b>R203142A</b></li> <li>• Computer Vision <b>R203142B</b></li> <li>• Data Visualization <b>R203142C</b></li> <li>• DevOps <b>R203142D</b></li> <li>• MOOC's/NPTEL <b>R203142E</b></li> </ul>	<b>Open Elective (OE I) :-</b> <ul style="list-style-type: none"> <li>• Optimization in Operations Research <b>R203105E</b></li> </ul>
<b>CSE (Cyber Security) (46)</b>	Computer Networks <b>(R2031461)</b> (Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,C SBS)	Software Engineering <b>(R2031462)</b> (Common to CSE(CS),CS)	Design and Analysis of Algorithms <b>(R2031463)</b> (Common to CSE(CS),IOTCSOBCT, CSE(IOT),CS)	<b>Professional Elective (PE II) :-</b> Computer Graphics <b>R203146A</b> Artificial Intelligence <b>R203146B</b> Compiler Design <b>R203146C</b> Advanced Data Structures <b>R203146D</b> Principles of Programming Languages <b>R203146E</b>	<b>Open Elective (OE I) :-</b> Web Technologies <b>R203146F</b> Data Structures <b>R203146G</b> Computer Networks <b>R203146H</b> Data Base Management Systems <b>R203146I</b> Problem Solving using Python <b>R203146J</b>
<b>ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)</b>	Compiler Design <b>(R2031421)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),CSE)	Operating Systems <b>(R2031422)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),	Machine Learning <b>(R2031423)</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AI	<ul style="list-style-type: none"> <li>• <b>Professional Elective (PE II) :-</b>                Software Engineering <b>R203142A</b></li> <li>• DevOps <b>R203142D</b></li> <li>• Object Oriented Analysis and Design <b>R203144A</b></li> <li>• Internet of Things <b>R203144B</b></li> </ul>	<b>Open Elective (OE I) :-</b> <ul style="list-style-type: none"> <li>• Optimization in Operations Research <b>R203105E</b></li> </ul>
<b>CYBER SECURITY (59)</b>	Computer Networks <b>(R2031461)</b> (Common to CSE(CS),IOTCSIBCT, CSE(IOT),CS,CSBS)	Software Engineering <b>(R2031462)</b> (Common to CSE(CS),CS)	Design and Analysis of Algorithms <b>(R2031463)</b> (Common to CSE(CS),IOTCSOBCT,CSE(IOT),CS)	<ul style="list-style-type: none"> <li>• <b>Professional Elective (PE II) :-</b>                Computer Graphics <b>R203146A</b></li> <li>• Artificial Intelligence <b>R203146B</b></li> <li>• Compiler Design <b>R203146C</b></li> <li>• Advanced Data Structures <b>R203146D</b></li> <li>• Principles of Programming Languages <b>R203146E</b></li> </ul>	<b>Open Elective (OE I) :-</b> <ul style="list-style-type: none"> <li>• Web Technologies <b>R203146F</b></li> <li>• Data Structures <b>R203146G</b></li> <li>• Computer Networks <b>R203146H</b></li> <li>• Data Base Management Systems <b>R203146I</b></li> <li>• Problem Solving using Python <b>R203146J</b></li> </ul>



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<b>ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)</b>	Compiler Design (R2031421) (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AI,ML,C)	Operating Systems (R2031422) (Common to CSE(AIML), CSE(AI),CSE(DS), CSE(AIDS),AIDS,A	Machine Learning (R2031423) (Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS),AI DS,AI,ML)	<b>Professional Elective (PE II) :-</b> • Software Engineering R203142A • Computer Vision R203142B • Data Visualization R203142C • DevOps R203142D • MOOC's/NPTEL R203142E	<b>Open Elective (OE I) :-</b> • Optimization in Operations Research R203105E
<b>AUTO MOBILE ENGINEERING (24 AME)</b>	Theory of Machines (R2031241)	Production Technology (R2031242)	Vehicle Dynamics (R2031243)	<b>Professional Elective (PE II) :-</b> • Alternative Fuels for Engines R203124A • Two and Three Wheelers R203124B • Microprocessor and Micro Controllers R203124C • Heat Transfer R203124D • Industrial Hydraulics and Pneumatics R203124E • MOOC's/NPTEL R203124F	<b>Open Elective (OE I) :-</b> • Basic Automobile Engineering R203124G • Automobile Maintenance and Safety R203124H • Automobile Emissions and Effects R203124I

#### NOTE:

- ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

DATE: 12-11-2024.

Controller of Examinations